



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 10/512,734 : Confirmation No.: 1550  
Applicant : Neil Alexander Downie  
Filed : 10/27/2004  
For : Gas Dispensing and Recovery Apparatus

Art Unit :  
Examiner :

Docket No. : 06261 USA  
Customer No. : 23543

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<b>CERTIFICATE OF MAILING</b>	
I CERTIFY THAT THIS PAPER (ALONG WITH ANY PAPER REFERRED TO AS BEING ATTACHED OR ENCLOSED) IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:	
COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450	
ON	<u>5 January 2006</u>
	Date
	<u>Willard Jones, II</u>
	(Type or print name of person mailing paper)
	<u>[Signature]</u>
	Signature of person mailing paper

**LETTER**

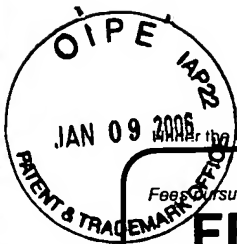
Sir:

In response to the "Notice to File Missing Parts of Nonprovisional Application," dated 11/28/2005 (copy enclosed), the executed Declaration for the above-described application is enclosed. A Fee Transmittal (PTO/SB/17), in duplicate, is also enclosed.

Respectfully submitted,

[Signature]  
Willard Jones, II  
Attorney of Record  
Registration No. 31,172

Air Products and Chemicals, Inc.  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501



09 JAN 2006

PTO/SB/17 (12-04)  
Approved for use through 07/31/2006. GMB 069-00032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 130.00

Complete if Known	
Application Number	10/512,734
Filing Date	10/512,734
First Named Inventor	Neil Alexander Downie et al
Examiner Name	
Art Unit	
Attorney Docket No.	06261 USA

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 01-0493 Deposit Account Name: Air Products and Chemicals, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims** - 20 or HP = \_\_\_\_\_ x 50 = 0 **Fee Paid (\$)** \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims** - 3 or HP = \_\_\_\_\_ x 200 = 0 **Fee Paid (\$)** \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

01/11/2006 ATRAH1 00000038 010493 10512734

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets** - 100 = \_\_\_\_\_ **Extra Sheets** / 50 = \_\_\_\_\_ **Number of each additional 50 or fraction thereof** x 250 = 0 **Fee Paid (\$)** \_\_\_\_\_

### 4. OTHER FEE(S)

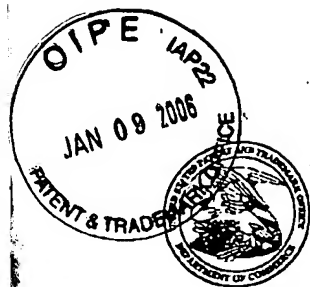
Non-English Specification, \$130 fee (no small entity discount) **Fees Paid (\$)** \_\_\_\_\_

Other: Late oath and declaration surcharge 130

SUBMITTED BY		Registration No.	Telephone
Signature		(Attorney/Agent) 31,172	610 481-4587
Name (Print/Type)	Willard Jones, II	Date	1/05/2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/512,734	Neil Alexander Downie	06261 USA

INTERNATIONAL APPLICATION NO.
-------------------------------

PCT/GB03/01883

I.A. FILING DATE	PRIORITY DATE
05/01/2003	05/01/2002

23543

AIR PRODUCTS AND CHEMICALS, INC.  
 PATENT DEPARTMENT  
 7201 HAMILTON BOULEVARD  
 ALLENTOWN, PA 181951501

DEC 5 2005

CONFIRMATION NO. 1550

371 FORMALITIES LETTER



\*OC000000017496068\*

Date Mailed: 11/28/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/27/2004
- Copy of the International Search Report filed on 10/27/2004
- Copy of IPE Report filed on 10/27/2004
- Preliminary Amendments filed on 10/27/2004
- U.S. Basic National Fees filed on 10/27/2004
- Priority Documents filed on 10/27/2004

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

*SAK/4* *PCT*  
*file*

*Response to*  
*Missing Parts Docket*  
*for*  
*28 January*  
*2006*

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/512,734	PCT/GB03/01883	06261 USA

FORM PCT/DO/EO/905 (371 Formalities Notice)